



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/640,839	08/16/2000	Mark Gregory McClanahan	RPS9-2000-0052US1	4229

25299 7590 05/28/2004

IBM CORPORATION
PO BOX 12195
DEPT 9CCA, BLDG 002
RESEARCH TRIANGLE PARK, NC 27709

EXAMINER

CURCIO, JAMES A F

ART UNIT	PAPER NUMBER
----------	--------------

2132

DATE MAILED: 05/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/640,839

Applicant(s)

MCCLANAHAN, MARK GREGORY

Examiner

James Curcio

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-81 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-81 is/are rejected.
- 7) ☒ Claim(s) 3-13, 30-40, and 57-67 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

Claims 3-13, 30-40, and 57-67 objected to and must be renumbered in accordance with the following rule:

A series of singular dependent claims is permissible in which a dependent claim refers to a preceding claim which, in turn, refers to another preceding claim.

A claim that depends from a dependent claim should not be separated by any claim that does not also depend from said dependent claim. It should be kept in mind that a dependent claim may refer to any preceding independent claim. In general, applicant's sequence will not be changed. See MPEP § 608.01(n).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-81 rejected under 35 U.S.C. 102(a) as being anticipated by He (US005944824A).

As per claims 1, 28, and 55, He discloses the following:

application framework . . . (col. 2:25 to col. 3:15; claim 1)

sign-on screen . . . (col. 2:25 to col. 3:15; claim 1)

logon input . . . (col. 2:25 to col. 3:15; claim 1)

comparison of logon input and . . . database . . . (col. 2:25 to col. 3:15; "database" and "Distributed Computing Environment registry" - col. 15:47-54, claim 1).

As per claims 2, 15, 29, 42, 56, and 69, He further discloses the selection of an indication of said first level of access ("sending a request to one or more of the Network Elements (NE)" in col. 4:5-11; "choose from the list the desired NE" in col. 5:15-27) and the selection of an indication of a second level of access ("sending a request to one or more of the Network Elements (NE)" in col. 4:5-11; "choose from the list the desired NE" in col. 5:15-27).

As per claims 3, 30, and 57, He further discloses that "said user is logged onto said underlying operating system and an application environment with said first level of access thereby bypassing said initial sign-on screen . . . (col. 2:25 to col. 3:15; claim 1)

As per claims 4, 10, 16, 31, 37, 43, 58, 64, and 70, He further discloses that "if said logon input is not entitled to a second level of access . . ." then as alternatives, "said user is logged onto an application environment and said underlying operating system as said first level of access", "an indication of said second level of access will not be generated to said user . . ." and/or "said user is restricted to said first level of access." (col. 5:15-27, col. 7:32-41, col. 8:40-46).

As per claims 5, 9, 11, 17, 32, 36, 38, 44, 59, 63, 65, and 71, He further discloses that "if said logon input is entitled to a second level of access . . ." then as alternatives, "a switch user program switches said user to second level of access", and/or "an indication of said second level of access" is generated and can be selected "to switch

level of access to said second level of access" (col. 2:25 to col. 3:15, col. 5:15-27, col. 7:32-41, col. 8:40-46, col. 14:54 to col. 15:5, claim 1).

As per claims 6, 12, 33, 39, 60, and 66, He further discloses that "said switch user program switches said user to said second level of access by modifying an underlying operating system's registry" ("audit trail" in col. 5:49-58).

As per claims 7, 13, 34, 40, 61, and 67, He further discloses that "said switch user program logs off said user with said first level of access, wherein said underlying operating system logs on said user with said second level of access (col. 2:25 to col. 3:15, col. 5:15-27, col. 14:54 to col. 15:5, col. 13:35-37).

As per claims 8, 35, and 62, He further discloses that "said logon input comprises a user identification and a user password (col. 5:7-14, col. 15:6-22).

As per claims 14, 41, and 68, He further discloses that application framework security database stores system operator information and defines at least one of the following: users, passwords, groups of users, and application specific authorization (col. 10:66 to col. 11:26).

As per claims 18-21, 45-48, and 72-75, He further discloses the transfer of said logon input to said underlying operating system for verification and the comparison of said logon input with an underlying operating system security database . . . (col. 5:7-14, col. 15:6-22).

As per claims 22-23, 49-50, and 76-77, He further discloses the comparison of said logon input with an underlying operating system security database . . . , the request from said user a logon identification, and the comparison of logon identification with said

underlying operating system security database (col. 5:7-14, col. 8:40-46, and col. 15:6-22).

As per claims 24-26, 51-53, and 78-80, He further discloses that "if said underlying operating system security database verifies said user with access to said second level of access, then said switch user program switches said user to said second level of access" (col. 2:25 to col. 3:15, col. 5:7-27, col. 7:32-41, col. 8:40-46, col. 14:54 to col. 15:22, claim 1).

As per claims 27, 54, and 81, He further discloses that "if said underlying operating system security database does not verify said user with access to said second level of access, then said user is restricted to said first level of access" (col. 2:25 to col. 3:15, col. 5:7-27, col. 7:32-41, col. 8:40-46, col. 14:54 to col. 15:22, claim 1).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Cohen et al (US006178511B1)
- b. Wood et al (US006609198B1)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Curcio whose telephone number is 703-305-8887. The examiner can normally be reached on Tuesday through Friday from 7 am to 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on Monday through Friday from 7:30 am to

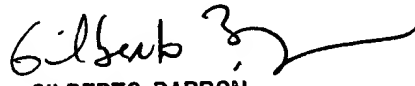
Art Unit: 2132

4:30 pm. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

je

JC
AU 2132
May 21, 2004


GILBERTO BARRON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100